

Patrick S Daugherty

List of Publications by Year in descending order

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17
papers

405
citations

1040056

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996975

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docs citations

18
times ranked

699
citing authors

#	ARTICLE	IF	CITATIONS
1	Serum Epitope Repertoire Analysis Enables Early Detection of Lyme Disease with Improved Sensitivity in an Expandable Multiplex Format. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	3.9	4
2	Mapping antibody binding using multiplexed epitope substitution analysis. <i>Journal of Immunological Methods</i> , 2021, 499, 113178.	1.4	3
3	Bridging non-overlapping reads illuminates high-order epistasis between distal protein sites in a GPCR. <i>Nature Communications</i> , 2020, 11, 690.	12.8	5
4	Antibody epitope repertoire analysis enables rapid antigen discovery and multiplex serology. <i>Scientific Reports</i> , 2020, 10, 5294.	3.3	31
5	A general approach for predicting protein epitopes targeted by antibody repertoires using whole proteomes. <i>PLoS ONE</i> , 2019, 14, e0217668.	2.5	11
6	Antibody Biomarker Discovery Via In Vitro Evolution of Peptides. <i>Methods in Molecular Biology</i> , 2018, 1785, 249-268.	0.9	0
7	Unique Substrate Specificity of SplE Serine Protease from <i>Staphylococcus aureus</i> . <i>Structure</i> , 2018, 26, 572-579.e4.	3.3	22
8	High-titer antibody depletion enhances discovery of diverse serum antibody specificities. <i>Journal of Immunological Methods</i> , 2018, 455, 1-9.	1.4	7
9	Prediction of antibody structural epitopes via random peptide library screening and next generation sequencing. <i>Journal of Immunological Methods</i> , 2017, 451, 28-36.	1.4	16
10	Emerging technologies for protease engineering: New tools to clear out disease. <i>Biotechnology and Bioengineering</i> , 2017, 114, 33-38.	3.3	19
11	Transglutaminase is a Critical Link Between Inflammation and Hypertension. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	12
12	Identification of disease-specific motifs in the antibody specificity repertoire via next-generation sequencing. <i>Scientific Reports</i> , 2016, 6, 30312.	3.3	35
13	A pre-eclampsia-associated Epstein-Barr virus antibody cross-reacts with placental GPR50. <i>Clinical Immunology</i> , 2016, 168, 64-71.	3.2	8
14	Intracellular FRET-based Screen for Redesigning the Specificity of Secreted Proteases. <i>ACS Chemical Biology</i> , 2016, 11, 961-970.	3.4	28
15	Elevated Transglutaminase Activity Triggers Angiotensin Receptor Activating Autoantibody Production and Pathophysiology of Preeclampsia. <i>Journal of the American Heart Association</i> , 2015, 4, .	3.7	23
16	Protein engineering with bacterial display. <i>Current Opinion in Structural Biology</i> , 2007, 17, 474-480.	5.7	172
17	Cell Surface Display and Cytometric Screening for Protein Ligand Isolation and Engineering. , 2003, , 635-657.		0